

ABSTRACT OF THE DISCLOSURE

An object of the invention is to provide an electrical contact of a low surge type which is easily manufactured, has a small environmental influence, and has a small chopping current value, a manufacturing method of the same, a vacuum interrupter using the same, and a vacuum circuit-breaker using the same. The invention provides an electrical contact having a high conductive metal, and a refractory element constituted by a metal nitrogen or a metal oxide. The high conductive metal can employ Ag or Cu or alloys mainly containing either Ag or Cu, the metal nitride can employ one or mixture of two or more of Mg₃N₂, AlN, TiN, ZrN, CrN, Cr₂N, NbN, BN and Si₃N₄, and the metal oxide can employ one or mixture of two or more of MgO, Al₂O₃, TiO₂, Ti₂O₃, ZrO₂, ThO₂, Cr₂O₃, Nb₂O₅, Y₂O₃ and ZnO. Accordingly, it is possible to secure an improved resistance welding performance.